

FORM PTO-1449/A and B (Modified)			APPLICATION NO.: 09/838,520	ATTY. DOCKET NO.: A0312.70393 US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			FILING DATE: April 19, 2001	CONFIRMATION NO.: 9453
			APPLICANT: Geoffrey T. Haigh et al	
MAY 10 2004 U.S. PATENT & TRADEMARK OFFICE			GROUP ART UNIT: 2836	EXAMINER: R. DeBernardinis
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### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
RPB		6,054,780		Haigh et al	04-25-2000
RPB		4,748,419		Somerville	05-31-1988
RPB		5,831,426		Black, Jr. et al	11-03-1998
RPB		6,291,907		Haigh et al	09-18-2001
RPB		4,818,855		Mongeon et al	04-04-1989
RPB		5,701,037		Weber et al	12-23-1997
RPB		5,969,590		Gutierrez	10-19-1999

### FOREIGN PATENT DOCUMENTS

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		Office/Country	Number	Kind Code			
RPB	JP	58215833A			Yamatake Honeywell KK	03-28-1984	
RPB	EP	0586062A			International Business Machines, Inc.	09-03-1994	
RPB	WO	95/20768			Fraunhofer Ges Forschung et al.	03-08-1995	
RPB	WO	98/37672			Analog Devices, Inc.	08-27-1998	
RPB	WO	99/21332			Analog Devices, Inc.	04-29-1999	
RPB	WO	2002/086969			Analog Devices, Inc.	10-31-2002	

### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
RPB		International Search Report, A0312/7343WO, mailed April 1, 1999	
RPB		International Search Report, A00312/70393WO, mailed August 28, 2003	
RPB		BURR-BROWN, "Dual, Isolated, Bi-Directional Digital Coupler", 1993, ISO150	

EXAMINER 	DATE CONSIDERED <u>6/3/04</u>
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		Number	Kind Code		
RDB		3,714,540		Galloway	01-30-1973
RDB		4,118,603		Kumhyr	10-03-1989
RDB		4,835,486		Somerville	05-30-1989
RDB		5,142,432		Schneider	08-25-1992
RDB		5,204,551		Bjornholz	04-20-1993
RDB		5,396,394		Gee	03-07-1995
RDB		5,533,054		DeAndrea et al	07-02-1996
RDB		5,588,021		Hunt et al	12/24/1996
RDB		5,596,466		Ochi	01-21-1997
RDB		4,027,152		Brown et al	05-31-1977
RDB		4,885,582		LaBarge et al	12-05-1989
RDB		5,384,808		Van Brunt et al	01-24-1995
RDB		5,952,849		Haigh	09-14-1999

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RDB		DE	25 29 296	—	Ferranti Ltd.	01-20-1977	—
RDB		FR	2 679 670 ✓		Serbanescu	07-23-1991	
RDB		EP	0 282 102 ✓		The Boeing Company	09-14-1988	
RDB		WO	01/61951 ✓		Analog Devices, Inc.	08-23-2001	

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RDB		International Search Report, 029.55.251, mailed May 22, 1998 ✓	
RDB		International Search Report, 02955.753, mailed June 5, 2001 ✓	

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		Number	Kind Code		
		4,859,877		Cooperman et al	08-22-1989
		4,227,045		Chelcun et al	10-07-80
		4,945,264		Lee et al	07-31-1990
		4,825,450		Herzog	04-25-1989
		6,525,566		Haigh	02-25-2003
		3,798,608		Huebner	03- -1974
		6,124,756		Yaklin et al	09- -2000
		4,302,807		Mentler	11- -1981
		3,537,022		Regan	10-27-1970
		5,041,780		Rippel	08-20-1991
		5,270,882		Jove et al	12-14-1993
		5,539,598		Denison et al	07-23-1996
		6,262,600		Haigh et al	07-17-2001
		5,786,979		Douglass	07-28-1998

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EXAMINER: *R. DeBernardinis*

DATE CONSIDERED

6/9/04

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